

## WR-51 Waveguide Section 1.5 Inch Length Using UG Square Cover Flange from 15 GHz to 22 GHz in Aluminum



### FMW51S001-1.5

#### Features

- WR-51 Waveguide Section
- UG Cover Flanges
- Frequency Range 15 GHz to 22 GHz 1.5 inch length
- Maximum VSWR 1.1:1

#### Applications

- Transmission Systems
- Test and Laboratory Setups

#### Description

Fairview Microwave's FMW51S001-1.5 is a 1.5 inch WR-51 straight waveguide section that operates from 15 GHz to 22 GHz. This straight waveguide section offers a maximum 1.1:1 VSWR. The input and output of this straight waveguide section is a UG Cover Flange. FMW51S001-1.5 is part of over 40,000 RF, microwave and millimeter wave components. WR-51 straight waveguide section will ship worldwide the same day it is purchased along with our other RF components.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	15		22	GHz
VSWR		1.1:1		
Insertion Loss		0.2		dB

#### Mechanical Specifications

Waveguide Size	WR-51
Section Length	1.5 in [38.1 mm]

Description	Flange 1	Waveguide	Flange 2
Flange Type	Square Cover		Square Cover
Flange Designation	UG	WR-51	UG
Material		Aluminum	

<b>Size</b>	
Weight	0.3 lbs [136.08 g]

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

- Notes:
- Values at +25 °C, sea level

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WR-51 Waveguide Section 1.5 Inch Length Using UG Square Cover Flange from 15 GHz to 22 GHz in Aluminum from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-51 Waveguide Section 1.5 Inch Length Using UG Square Cover Flange from 15 GHz to 22 GHz in Aluminum FMW51S001-1.5](#)

URL: <https://www.fairviewmicrowave.com/wr-51-waveguide-section-straight-ug-square-fmw51s001-1.5-p.aspx>

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# FMW51S001-1.5 CAD Drawing

WR-51 Waveguide Section 1.5 Inch Length Using UG Square Cover Flange from 15 GHz to 22 GHz in Aluminum

